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E. Bleser
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277 Low level rf distribution
W. Frey, S. Naase, J. Woods
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278 Trapping Decelerated Anti-Protons
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279 The AGS Stretcher with Room-Temperature Magnets
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280 Study of a New Extraction Scheme
Charles Steinbach (CERN Visitor)
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H.C. Hseuh, A. Feltman, W. Zhang, J. Gabusi
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284 Experimental and Theoretical Study of the AGS Injection and Capture
J. Kats and L. Ahrens
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286 A Measurement of the Longitudinal Coupling Impedance of the RC Networks used at the Insulated Flanges of the AGS Vacuum Chambers
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287 CASIM On VAX
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290 Some Comments on the AGS Vacuum System
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K. Welch, H.C. Hseuh, J.E. Tuozzolo
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291 The AGS Complex as an Antiproton Filling Station
Y.Y. Lee and D.I. Lowenstein
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292 Tune Measurements for the AGS and the Booster
W. van Asselt
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294 DATA SHEETS FOR THE HIGH FIELD CHROMATIC SEXTUPOLES
E. Bleser and M. Tanaka
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295 TWO SCHEMES FOR A-LINE KICKER POWER SUPPLY
Jian-lin Mi
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296 IMPROVEMENTS IN CASIM; COMPARISON WITH DATA
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297 COMPUTER MODELS OF THE AGS, I: THE D.C. "BARE" MACHINE AT HIGH FIELDS
E. Auerbach
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301 The LEBT test pulse generator
R.L. Witkover, Xiao-jiang Hou, A. Stillman
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S. Sidhu
July 22, 1988

303 CONVERSION EFFICIENCY OF A RING MAGNETRON IONIZER IN THE PONI-2 POLARIZED ION SOURCE
C. Meitzler
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A. Zaltsman, M. Meth, S. Sadinsky, R. Sanders
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305 Transmission of H^{o} Through a Ring Magnetron Ionizer.
C. Meitzler
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306 F-10 House Phase Shift Transformer Short Circuit Tests.
K.B. Hughes
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308 Remote Control of All Vacuum Sector Valves
J. Gabusi
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J.F. Ryan
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S.V. Musolino and P.J. Zahra
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Kevin B. Hughes
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S.Y. Zhang and A.V. Soukas
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M. Tanaka
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314 The Maximum Theoretical Pressure Gradient in the AGS
K. Welch
J. Tuozzolo
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315 The Stretcher Vacuum System
K.M. Welch and J.E. Tuozzolo
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316 The Quality Factor and Other Considerations in Radiation Protection at the AGS
S. Musolino
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317 Device Names for the AGS Complex
K. Reece
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318 Brief Comments on Test Results of Both Metal and Elastomer Vacuum Seals
K.M. Welch, G.T. McIntyre, J.E. Tuozzolo, D.J. Pate
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319 A Permanent Magnet Sextupo1e
C.R. Meitzler
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320 The AGS High Field Vertical Bump Magnets
E. Auerbach, E. Bleser, H. Brown
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321 Effective Placement of Stopband Correction Elements in an AGS Lattice
C.J. Gardner
May 30, 1989 --REVISED September 29, 1989

322 Comments on Continuous Asymmetry Measurement During Polarized Proton Acceleration
H. Sato (KEK)
June 9, 1989

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S.Y. Zhang
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324 Simple Approximation for Synchrotron Frequency
J.M. Kats
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325 Asynchronous Transfer of Beam Between Accelerators
J.W. Glenn
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326 An Alternative to $\vec{H}^-$ Injection
K. Prelec
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327 Sextupole Focusing of Cold Atomic Beams
C.R. Meitzler
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328 Pulse-to-Pulse Modulation at the AGS Complex
D.S. Barton
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329 AGS Injection Studies with the Fast Chopper
J.M. Brennan, L. Ahrens, and J. Alessi
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330 Emittance of the PONI-1 Cesium Gun
C.R. Meitzler
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C.J. Gardner
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A. Feltman, J. Funaro, L. Ratner, W. van Asselt, P. Yamin
November 15, 1989

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No. 333 — Synchrotron Sideband Spin Resonances in High Energy Electron Storage Rings
S.R. Mane
November 27, 1989

No. 334 — An Overview of the Slow Extraction at the AGS (The Pre-Booster Era)
M. Tanaka
December 21, 1989

No. 335 — AGS Stopband Correction Schemes: Some Useful Numbers and Relations
C.J. Gardner
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No. 336 — RLRM System Diagnostics
G. Bennett, E. Beadle, P. Ziminski
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No. 337 — Beam Loss and Induced Activation in the AGS
K. Brown
April 9, 1990

No. 338 — Simulating the 200 MeV Linac Using PARMILA and PARTRACE
A. Kponou
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No. 339 — AGS Cavities Upgrade: Coupling the Power Amplifier to the Cavity
W. Pirkl (CERN)
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No. 340 — Modeling the QN17 Correction Scheme with the BEAM Program
C.J. Gardner
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No. 341 Modeling Backleg Winding Bumps with the BEAM Program
C.J. Gardner
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No. 342 A Method for Preparing Input Files for the POISSON Codes
A. Kponou
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M.A. Goldman
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C.J. Gardner
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L.G. Ratner
November 1, 1990

No. 346 RHIC RF System Noise Requirements
E.C. Raka
November 2, 1990
(also RHIC-AD-25)

No. 347 The New Fast Extraction System (NewFEB) at the AGS
(The Conceptual Design of the New Fast Extraction System for the AGS g-2 Experiment, RHIC Injection, and FEB)
M. (Sanki) Tanaka
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J. M. Kats
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No. 349 Impedance of Booster Pickup Electrodes: Calculations and Comparison with Measurements
M. Blaskiewicz
April 23, 1991

No. 350 Algorithms for Recovering Phase Density
J.M. Kats
May 20, 1991

No. 351 Longitudinal Motion - Data Presentation
D.-P. Deng
May 28, 1991

No. 352 Status of theAGS Transverse Damper
"The Damper Crew" (P. Yamin, P. Cameron, Y. Y. Lee, B. Oerter, E. Raka, V. Wong, Dexun Xi, A. Zhang)
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No. 353 Voltage Requirements for the Transverse Dampers
E. Raka
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T. Roser
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No. 355 Another Look at Apertures in the AGS
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No. 358 Introduction to the Access Control System and the "Security" PC Program
J.F. Ryan
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No. 359 Siemens Upgrade Control System
N. Schumburg
March 26, 1992

No. 360 Device Names for the AGS Complex
K Zeno
April 14, 1992

No. 361 Selection of the optimum charge state from an EBIS
K. Prelec
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No. 362 Thoughts on Multiple Pulse Injection into the AGS Booster from an EBIS Source
Y.Y. Lee
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No. 363 The Design of the Dipole Pick-Up Coils for use with the AGS Gauss Clock
A. Warner and W. VanZwienen
August 5, 1992

No. 364 Synchrotron Sideband and Spin Resonances in a Proton Storage Ring
S.R. Mane
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No. 365 New FEB: SBE Capability for the A-D Line
M. (Sanki) Tanaka
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No. 366 Wiggler Snakes for RHIC
M. Conte (Universita di Genova, Italy) & A. Luccio
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No. 367 BTA Stripping Foil Studies
T. Roser
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No. 368 Using the Minimal Normal Form Method With Discrete Maps
S.R. Mane and W.T. Weng
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G. Jackson, D. McConnell, B. Fellenz--Fermilab
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No. 370 A BROADBAND, HIGH ACCURACY PHASE SHIFTER
D. Ciardullo
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No. 371 CONTROLS FOR THE AGS RF UPGRADE SYSTEM
A. Zaltsman
February 16, 1993

No. 372 Spectrum Analysis in Beam Diagnostics
S.Y. Zhang and W.T. Weng
April 7, 1993

No. 373 Study of the Booster Injection at KEK
(A Talk Given at the AGS Machine Physics Meeting held on February 5, 1993)
Y. Shoji (on leave from KEK)
April 9, 1993

No. 374 THREE-DIMENSIONAL FIELD ANALYSIS FOR THE AGS COMBINED FUNCTION MAGNETS
W. Meng and M. Tanaka
April 12, 1993

No. 375 Bunched Beam Longitudinal Instability--Coherent Dipole Motion
S.Y. Zhang and W.T. Weng
April 15, 1993

No. 376 Minimizing Linear Coupling in the AGS with Skew Quads
H. Huang and S.Y. Lee--Indiana University, Bloomington, IN;
L.G. Ratner, Brookhaven National Laboratory, Upton, NY
May 28,1993

No. 377 TRANSVERSE DAMPING ALGORITHMS
T. Roser
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No. 378 BUCKET PARAMETERS AND BUNCHING FACTOR FOR DOUBLE RF SYSTEM
J.M. Kats
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No. 379 Analysis of the Optical Limitations of a Beam Monitor for the RHIC Injection Line
Be-Su Lee (visitor)
August 26, 1993

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No. 380 TRANSVERSE INSTABILITY WITH LARGE SPACE CHARGE TUNE SHIFT
M. Blaskiewicz and W.T. Weng
September 8, 1993

No. 381 On Solutions of Sacherer Integral Equation
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No. 382 Accountable Key Systems Suggested Design Guide
J. Spinner
October 29, 1993

No. 383 Source options for RHIC preinjectors
J. Alessi, K. Prelec
October 25, 1993

No. 384 Evolution of a Workstation-Based Control System at the BNL AGS -- The Path to Standards Compliance
J. F. Skelly
November 5, 1993

No. 385 Simulation of Linear Coupling Resonance Traversal in the AGS Booster
C.J. Gardner
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No. 386 A Fast Envelope Detector
D. Ciardullo
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No. 387 Resonance Excitation in the AGS Booster Due to Closed Orbit Distortion in Multipole Magnets
C.J. Gardner
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No. 388 Magnetic Field Measurements of the SuperEBIS Superconducting Magnet
A. Hershcovitch, A. Kponou, R. Clipperton, W. Hensel
January 24, 1994

No. 389 MeVVA Source of Primary Metallic Ions for SuperEBIS
A. Hershcovitch, A. Kponou, D. McCafferty
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A. Kponou, A. Hershcovitch, D. McCafferty, F. Usack
January 25, 1994

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No. 391 Stopband Correction of the AGS Booster--Summary of Correction Parameters and Harmonic Analysis of Imperfections
Y. Shoji*and C. Gardner
March 16, 1994 (*KEK)

No. 392 Tune and Chromaticity of the AGS vs. Quad Currents Calculated Plots and Fitting Coefficients Code QFIT
A. Luccio
March 31, 1994

No. 393 NewFEB: SBE to the SEB Line Using FKG10
M. Tanaka
April 7, 1994

No. 394 Improvement of the AGS AGC Loop
E. Onillon and M. Brennan
April 8, 1994

No. 395 A 3/2 Lambda Bump to Correct AGS Orbit Distortion at the K17 Gamma-Tr Quad
E.H. Auerbach
May 12, 1994

No. 396 Power Controller for AGS Main Magnet Power Supply
M. Meth, J. Sandberg, J. Spinner
June 6, 1994

No. 397 Injection matching in the AGS emittance growth
A. Luccio
June 23, 1994

No. 398 Recursive Transverse Damping Algorithms
T. Roser
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No. 399 Field of a Helix
A. Luccio
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No. 400 Longitudinal Mode Coupling
S. Y. Zhang and W. T. Weng
August 22, 1994

No. 401 Damping Coherent Quadrupole Oscillations in the AGS
E. Onillon and J.M. Brennan
September 20, 1994

No. 402 UNIX Upgrade for AGS Controls Workstations
J. T. Morris
October 11, 1994

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No.403 Hollow Heavy Primary Ion Sources for EBIS
A. Hershcovitch
November 2, 1994

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M. Tanaka
December 2, 1994

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Y.Y. Lee
December 20, 1994

No.406 Proposal on Spin Physics Using the RHIC Polarized Collider
M. Beddo, D. Grosnick, D. Lopiano, D. Hill, H. Spinka, D. Underwood, A. Yokosawa, ANL; G. Bunce, A. Carroll, E. Courant, R. Fernow, Y.Y. Lee, D. Lowenstein, Y. Makdisi, L. Ratner, T. Roser, M. Tannenbaum, BNL; J.B. Carroll, T. Hallman, G.J. Igo, UCLA; N. Toernqvist, U. Helsinki; N. Akchurin, Y. Ollel, U. Iowa; S.Y. Lee, Indiana U.; S. Hiramatsu, Y. Mori, H, Sato, KEK; L. Madansky, R. Welsh, Johns Hopkins U. ; H, Enyo, K. Imai, A. Masaike, Kyoto U.; J. Soffer, Centre de Physique Theorique, Marseille; R. Jaffe, MIT; A. Bravar, M, Conte, A. Penzo, M. Pusterla, P. Schiavon, Genova-Padova-Trieste U.
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K. Brown, G. Bunce, E. Courant, R. Fernow, S.Y. Lee, A. Luccio, Y. Makdisi, S. Mane, L. Ratner, T. Roser, H. Spinka, S. Tepikian, A.G. Ufimtsev, D. Underwood
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No. 409 Barrier Cavity Longitudinal Dynamics
M. Blaskiewicz
January 13, 1995

No. 410 Preliminary System Specification for the AGS Loss Monitor Upgrade
E. Beadle
January 20, 1995

No. 411 The AGS BPM System Upgrade
D.J. Ciardullo and J.M. Brennan
January 31, 1995

No. 412 Power Factor Correction and Harmonic Filters at the AGS
M. Meth and J. Sandberg
January 31, 1995

No. 413 Some Options for Pion and Muon Focusing in the AGS g-2 and Neutrino Oscillation Experiments (and possible new focusing and cooling schemes for a muon collider)
A. Hershcovitch
February 27, 1995

No. 414 Radiation Protection Studies During High Intensity Running at AGS Radiation Exposure Around the AGS Ring and in the SEB Experimental Areas
E. Lessard, K. Reece, and R. Miltenberger
March 14, 1995

No. 415 Upgrade of Booster FF Power Amplifier for Proton Cavity
M. Meth
May 23, 1995

No. 416 Uranium Beams in RHIC: Four MeVVA-Based Preinjection Approaches
A. Hershcovitch and B. Johnson
August 11, 1995

No. 417 Heavy Ion Parameters for 1995
C.J. Gardner
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No. 418 Observations of Secondary Emission Chamber Efficiency Degradation for Very High Intensity Slow Extracted Beams
K. A. Brown
August 28, 1995

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No. 419	Numerical Investigation of Spin Resonance Crossing with Siberian Snakes V. Ptitsin (BINP, Novosibirsk, Russia) September 21, 1995
No. 420	The Bucket and the Bunch with a 2nd RF Harmonic A. Luccio October 18, 1995
No. 421	The J-10 Dump Bump E. Bleser October 23, 1995
No. 422	Transverse Bunched Beam Instability S. Y. Zhang November 14, 1995
No. 423	Determining the Center of the AGS High Field Sextupole String H. Calvani January 12, 1996
No. 424	The Dipole Fields of the AGS Main Magnets R. Thern and E. Bleser January 26, 1996
No. 425	Bumps Models Primer J. Niederer February 6, 1996
No. 426	Modeling of Micro-Bunching During AGS Slow Extraction J.W. Glenn February 20, 1996
No. 427	Notes on Coupled Motion in a Linear Periodic Lattice and Applications to Booster Injection C.J. Gardner February 22, 1996
No. 428	Beam Loss Issues for AGS High Intensity HEP S. Y. Zhang March 5, 1996
No. 429	The Quadrupole and Sextupole Fields of the AGS Main Magnets R. Thern, E. Bleser March 4, 1996

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No. 430	The Parameters of the Bare AGS E. Bleser March 15, 1996
No. 431	BNL Mad Program Notes BTA Lattice Matching J. Niederer March 18, 1996
No. 432	Some Views on the Structure Layout of the A5 Kicker Power Supply Discharging Housing Jian-Lin Mi April 3, 1996
No. 433	BNL MAD Program Notes Tracking Plots J. Niederer April 19, 1996
No. 434	BNL MAD Program Notes Field Tracking Commands J. Niederer May 22, 1996
No. 435	BNL MAD Program Notes Field Tracking Results in AGS Magnets J. Niederer May 22, 1996
No. 436	BNL MAD Program Notes Fmatch: Enhanced Matching Commands J. Niederer June 3, 1996
No. 437	AGS Modifications for High Transition Energy E.D. Courant and D. Trbojevic June 25, 1996

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438 Envelope Parameters for Linear Coupled Motion in Terms of the One-Turn Transfer Matrix
C.J. Gardner
July 10, 1996

439 Projections of Beam Distributions
C.J. Gardner
July 11, 1996

440 More BTA Lattice Matching
J. Niederer
August 12, 1996

441 What If Someone Were to Saw the Two BTA Bends into Halves?
J. Niederer
August 26, 1996

442 Some Calculations of Dispersion in the Booster
C.J. Gardner
August 30, 1996

443 BNL MAD Program Notes:
Survey Matching
J. Niederer
September 4, 1996

444 Shielding for the AGS J10 Scraper
E.J. Bleser
September 13, 1996

445 FY96 SEB Emittance Measurements
K. Brown, M. Blaskiewicz, H. Brown, K. Reece
October 8, 1996

446 A Vertical Bump at the J10 Scraper
E. Bleser
October 9, 1996

447 MAD Simulation: HEP/SEB Extraction (FY 1996)
M. Tanaka
October 10, 1996

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448 Heavy Ion Parameters for 1996
C.J. Gardner
October 10, 1996

449 Calculation of Incoherent Space Charge Tune Spread
S.Y. Zhang, T. Roser, W.T. Weng
October 11, 1996

450 Overview of the New AGS Octupole System
M. Blaskiewicz
October 24, 1996

451 Space Charge Effect and the AGS Injection Loss
S. Y. Zhang
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452 Revisiting the Dead Reckoning of the AGS Orbit Measuring System
L. Ahrens
October 30, 1996

453 FEB/SBE: Commissioning with Au Beam and Run for the FY 1996
AtR TL Commissioning
M. Tanaka
November 4, 1996

454 BNL MAD: Harmonic Analysis Commands
J. Niederer
November 13, 1996

455 AGS Tune Quad Production Measurements
E. Bleser
January 14, 1997

456 BNL MAD: Harmonic Analysis Based Orbit Correction Commands
AGS Booster Applications
J. Niederer
February 24, 1997

457 Radiation Impact on VME Station Memory
N. Schumburg
March 4, 1997

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458 FEB/V(p): The FY 1996 Commissioning with Proton Beam and Run for the V-Line and V-Target Commissioning
M. Tanaka and L. Ahrens
March 5, 1997

459 AGS PUE Geometry Factor and Normalization
L. Ahrens
March 5, 1997

460 Is the Special Ejection (Cooling Water) System a Major Path by Which New Water Activation Enters the Main Magnet Cooling System?
L.A. Ahrens
March 11, 1997

461 Calculated Formulas for Controlling the AGS Chromaticity
E. Bleser
April 23, 1997

462 The Capacitance of Ferrite Loaded Cavities
M. Yoshii, M. Meth, R. Spitz
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463 Upgrade to Version 7C
J. Niederer
July 14, 1997

464 Calculated Formulas for Controlling the AGS Tune
E. Bleser and M.Musossafiti
July 22, 1997

465 The Booster Stopband Correction System - 1997
C. J. Gardner
July 22, 1997

466 Heavy Ion Formulation
S. Y. Zhang
July 29, 1997

467 BNL Electron Beam Test Stand
A. Pikin, J. Alessi, E. Beebe, A. Kponou, K. Prelec, L. Syndstrup
July 30, 1997

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469 Emittance Blow-up from A20 Multi-wire in the AGS
M.J. Syphers
July 22, 1997

470 Booster Residual Activation: August 1997
L. Ahrens
August 25, 1997

471 Overview of the UI Toolkit
T. D'Ottavio
October 31, 1997

472 Proposals for Ripple Reduction for the AGS Main Magnet Power Supply
A. Soukas
December 19, 1997

473 Heavy Ion Parameters for 1997-98, and Some Preliminary Parameters for BAF
C.J. Gardner
November 6, 1997

474 High Momentum BTA Transfer
S.Y. Zhang
January 8, 1998

475 Review of the Booster Dump Shielding
E. J. Bleser
January 28, 1998

476 Formulae for the PIP Analysis of Linear Coupling
C. J. Gardner
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